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Annual Report

AND

VITAL STATISTICS

OF THE

URBAN DISTRICT OF KNUTSFORD.

BY

ARTHUR T. BLEASE,

M.B., Ch.B.Vict., M.R.C.S.E., L.R.C.P.L.,

Medical Officer of Health for the Urban District, and also for
the Rural District of Bucklow; Medical Adviser to the
Bucklow Joint Hospital Board: etc.

KNUTSFORD:

Printed by J. W. JONES, Princess Street.

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The Urban District of Knutsford.

Annual Report of Medical Officer of Health for 1934.

PART 1.

Area of District, 1,760 Acres.

Height above Sea Level, 210 ft.

Estimated Population, 1934 : 5,714 (Register General).

Population, Census 1931 : 5,878.

Number of Inhabited Houses, 1,500.

Number of Working Class Houses, 1,090.

Rateable Value, £37,947.

Sum represented by a penny rate, Gross £158. Net £147-1-6.

Birth Rate per 1,000 living, 13.3.

General Birth Rate (England and Wales), 14.8.

Death Rate per 1,000 living, 11.3.

General Death Rate (England and Wales), 11.8.

Number of Women dying in, or in consequence of, childbirth, 1.

Deaths under one year in proportion to 1,000 Births, 39.

“ “ “ “ “ “ “ (England
and Wales), 59.

Deaths from Measles, 0.

Deaths from Whooping Cough, 0.

Deaths from Diarrhœa (under 2 years old), 0.

The Total Number of deaths from all causes was 65, of which 3 were children under one year old, and 33 were persons of over 65 years.

Social Conditions and Chief Occupations.

Private residents consisting of business people from the surrounding towns and cities, and persons who have retired from businesses and professions.

Persons employed in the building trades, general retail shop-keeping, hotel-keeping, and agricultural workers. A laundry and a paper mill are the principle employers of labour in the District.

The social conditions are good, the District being partly residential.

PART II.—TABLES.

TABLE I.

Vital Statistics of Whole District during 1934 and Previous Years.

YEAR.	Gross Population.	Nett Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.	TRANSFER-ABLE DEATHS		NETT DEATHS BELONGING TO THE DISTRICT			
			Number.	Rate.		of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of age		At all Ages.	
								Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1911	5983	5124	113	22.0	113	54	4	9	80	63	12.3
1912	6027	5168	96	18.6	120	57	4	9	94	67	13.0
1913	5831	5212	120	23.0	105	51	4	8	67	58	10.8
1914	5734	5223	104	19.9	97	44	9	11	106	62	11.6
1915	5379	4917	94	19.1	109	61	14	6	64	62	12.3
1916	5814	4892	88	18.0	142	43	5	4	45	61	12.1
1917	5814	4892	73	14.9	151	97	7	5	68	61	12.1
1918	For Birth-rate 5299		68	12.47	112	59	10	3	45	63	13.25
	For Death-rate 4754										
1919	For Birth-rate 5044		76	14.78	113	56	10	1	13	67	13.8
	For Death-rate 4842										
1920	5035		107	21.2	100	44	9	7	65	65	12.9
1921	5390		101	18.6	117	52	11	8	79	65	12.0
1922	5433		100	18.3	106	48	14	8	80	72	13.2
1923	5448		105	19.2	104	61	10	1	9	53	9.7
1924	5482		84	15.3	131	62	7	6	71	76	13.8
1925	5499		69	12.5	89	49	5	4	57	45	8.3
1926	5507		76	13.8	118	70	7	4	52	55	9.9
1927	5443		81	14.6	123	76	8	8	98	55	10.1
1928	4945		69	13.9	136	81	6	6	86	61	12.3
1929	5148		68	13.2	169	108	8	2	29	69	13.4
1930	5846		84	14.2	134	92	8	5	59	50	8.5
1931	5900		96	15.2	168	98	5	9	93	79	13.3
1932	5685		90	15.8	139	80	6	44	65	11.4	
1933	5721		84	14.6	140	87	5	4	35	58	10.1
1934	5714		76	13.3	141	85	9	3	39	65	11.3

TABLE II.
Diseases notified under Acts and Orders during 1934.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.								TOTAL CASES REMOVED TO HOSPITAL.
	At all Ages.	At Ages—Years.						65 and upwards	
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.		
Small-pox	...	...	...	...	...	...	...	...	
Cholera—Plague	...	...	...	...	...	...	...	...	
Diphtheria (including Membranous Croup) ...	6	3	3	...	...	...	...	6	
Erysipelas	1	...	5	...	...	...	...	1	
Scarlet Fever	8	3	...	...	...	...	...	8	
Typhus Fever	...	...	...	...	...	...	...	...	
Enteric Fever.....	...	...	...	...	...	...	...	...	
Relapsing Fever	...	...	...	...	...	...	...	...	
Continued Fever	...	...	...	...	...	...	...	...	
Puerperal Fever and Puerperal Pyrexia...	3	...	...	...	2	1	...	...	
Cerebro-Spinal Meningitis ..	...	...	...	...	...	...	...	...	
Polionymyelitis	1	...	...	...	...	...	...	...	
Ophthalmia Neonatorum	1	...	...	...	...	...	...	...	
Pulmonary Tuberculosis	10	...	...	1	4	5	...	...	
Other forms of Tuberculosis..	9	1	3	3	1	1	...	...	
Pneumonia	3	...	...	...	...	2	...	...	
Malaria	...	...	...	...	...	...	...	...	
Encephalitis Lethargica ..	...	...	...	...	...	...	...	...	
Totals.....	41	7	11	4	8	9	1	15	

TABLE III.

Deaths Registered during the Calendar Year 1934, classified by age and cause.

CAUSES OF DEATH.		Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District.								Ttl. Deaths whether of "Residents" or "non-Residents" in Institutions in the District.	
		All Ages	Under 1 year	1 and under 2 years	2 and under 5 years	5 and under 15 years	15 & under 25 years	25 & under 45 years	45 & under 65 years		65 and up- wards
All Causes	{ Certified ... { Uncertified	65 0	...	..	..	..	..	..	..	..	97 0
Enteric Fever		...	...	...	...	...	...	...	...	...	...
Small-pox		..	...	...	...	...	...	...	...	...	...
Measles		...	...	...	...	...	...	...	...	...	...
Scarlet Fever		...	...	...	...	...	...	...	...	...	...
Whooping Cough.....		...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup.....		...	...	...	...	...	...	...	...	...	...
Influenza		...	...	...	...	...	...	...	...	...	...
Erysipelas.. ..		...	...	...	...	...	...	...	...	...	...
Phthisis.....		...	...	...	...	...	...	...	...	...	...
Pulmonary Tuberculosis .		5	...	...	...	...	2	2	1	1	1
Tuberculous Meningitis ...		...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases		1	...	...	...	1	...	...	...	...	...
Cancer, Malignant Disease		8	...	...	...	...	1	3	4	9	9
Diabetes		1	...	...	...	...	...	1	..	..	1
Rheumatic Fever.....		...	...	...	...	...	...	...	...	...	...
Meningitis		1	...	1	...	...	...	...	...	...	...
Organic Heart Disease ..		23	...	...	...	...	2	7	14	45	45
Bronchitis.....		2	...	...	...	...	...	1	1	6	6
Pneumonia (all forms)		3	1	...	...	...	...	2	...	2	2
Other Diseases of Respira- tory Organs		...	...	...	...	...	...	...	...	2	2
Ulcer of Stomach and Duodenum		...	...	...	...	...	...	...	...	...	...
Diarrhoea and Enteritis ... (under 2 years)		...	...	...	...	...	...	...	...	...	...
Appendicitis and Typhlitis		...	...	...	...	...	...	...	...	...	...
Cirrhosis of Liver		...	...	...	...	...	...	...	...	...	...
Cerebral Hæmorrhage.....		9	...	...	...	...	...	1	8	18	18
Alcoholism		...	...	...	...	...	...	...	...	...	...
Nephritis and Bright's Dis		1	...	...	...	...	...	1	..	4	4
Arterio-sclerosis		...	...	...	...	...	...	...	...	1	1
Puerperal Fever		...	...	...	...	...	...	...	...	..	..
Other Accidents and Dis- eases of Pregnancy and Parturition		1	...	...	...	...	1	...	...	1	1
Congenital Debility and Malformation, includ- ing Premature Birth ..		2	2	...	...	...	...	...	...	1	1
Violent Deaths, excluding Suicide		1	...	...	...	...	...	...	1	3	3
Suicide		...	...	...	...	...	...	...	...	...	...
Other Defined Diseases ..		7	...	...	...	1	...	1	1	4	3
Diseases ill-defined or un- known		...	...	...	...	...	...	...	...	...	...
Totals		65	3	1	...	2	...	7	19	33	97

TABLE IV.
INFANT MORTALITY.

1934. Nett Deaths from stated causes at various Ages
under 1 Year of Age.

CAUSE OF DEATH.		Under 1 Week	1—2 Weeks	2—3 Weeks	3—4 Weeks	Total under 4 Weeks	4 Weeks & under 3 Months	3 Months & under 6 Months	6 Months & under 9 Months	9 Months & under 12 Months	Total Deaths under 1 Year
All Causes	{ Certified	3	..	..	..	..	..	..	..	..	..
	{ Uncertified	0	..	..	..	..	..	..	..	..	..
Small-pox											..
Chicken-pox											..
Measles											..
Scarlet Fever											..
Whooping Cough											..
Diphtheria and Croup											..
Erysipelas											..
Tuberculous Meningitis											..
Abdominal Tuberculosis											..
Other Tuberculous Diseases											..
Meningitis (not Tuberculous)											..
Convulsions											..
Laryngitis											..
Bronchitis											..
Pneumonia (al forms)							1				1
Diarrhœa											..
Enteritis											..
Gastritis											..
Syphilis											..
Rickets											..
Suffocation, overlyin g											..
Injury at Birth											..
Atelectasis											..
Congenital Malformations											..
Premature Birth		2				2					2
Atrophy, Debility and Marasmus											..
Other Causes											..
Totals		2	..	..	..	2	1	..	..	..	3

Nett Births registered during the calendar year	..	..	..	legitimate	74
" " " " " "	"	"	"	illegitimate	2
Nett Deaths	"	"	"	legitimate infants	3
" " " " " "	"	"	"	illegitimate infants	0
Still-births	..	..	..	legitimate	3
"	..	..	..	illegitimate	0

TABLE V.—Notifications of Infectious Diseases.
(No records prior to 1895)

Year	Small-pox	Scarlet Fever	Diphtheria	Enteric Fever	Puerperal Fever	Erysipelas	Phthisis	Oth'r forms of Tuber- culosis	Pneumonia	TOTAL
1895	...	17	...	1	...	3	...	...	...	21
1896	...	5	...	...	...	6	...	...	...	11
1897	...	2	...	...	...	1	...	...	...	3
1898	...	...	1	2	...	2	...	...	...	5
1899	...	62	...	3	1	2	...	...	...	68
1900	...	3	7	2	1	1	...	...	...	14
1901	...	7	5	2	..	1	...	...	...	15
1902	...	2	3	...	1	2	...	...	...	8
1903	4	7	6	1	1	6	...	...	...	25
1904	2	2	7	1	2	3	...	...	...	17
1905	...	2	4	2	2	4	...	...	...	14
1906	...	40	4	8	...	5	...	...	...	57
1907	...	52	4	6	1	1	..	...	...	64
1908	...	10	1	2	...	1	...	...	...	14
1909	...	7	1	1	...	...	...	...	...	9
1910	...	21	...	37	..	2	...	...	...	60
1911	...	20	...	8	1	...	6	...	...	35
1912	...	6	1	...	...	1	13	...	...	21
1913	...	1	4	1	1	2	11	7	...	27
1914	...	...	6	1	1	...	4	4	...	16
1915	...	9	4	1	...	3	6	6	...	29
1916	...	15	4	...	...	6	9	9	...	43
1917	...	39	3	1	..	1	10	2	...	56
1918	...	9	3	...	...	1	5	7	...	25
1919	..	10	3	1	1	1	8	3	...	27
1920	...	4	...	...	3	5	6	1	4	23
1921	...	23	4	1	1	...	7	4	7	47
1922	...	93	44	...	...	...	6	3	4	150
1923	...	24	7	...	...	2	4	1	2	41
1924	...	3	1	...	...	...	4	5	...	15
1925	...	5	19	...	...	...	6	1	...	32
1926	...	2	...	...	1	1	4	1	3	12
1927	...	6	1	...	1	2	4	5	10	30
1928	...	13	4	...	...	1	7	3	5	34
1929	...	11	1	...	...	...	2	3	9	26
1930	...	30	5	...	...	1	5	1	4	49
1931	...	31	4	...	...	1	5	2	2	46
1932	..	6	5	...	...	...	5	1	5	23
1933	...	9	2	...	...	1	6	4	5	27
1934	...	8	6	...	...	1	10	9	3	37

TABLE VI.
Deaths from Special Diseases.

Year	Small-pox	Measles	Scarlet Fever	Diphtheria	Whooping Cough	Enteric Fever	Diarrhoea	Phthisis	Oth'r For's of Tuber- culosis	Puerperal Fever	Erysipelas	TOTAL
1895	..	..	..	..	..	2	..	4	..	..	..	6
1896	..	..	..	..	3	..	3	..	..	..	..	6
1897	..	1	..	..	..	..	8	1	..	..	..	10
1898	..	..	..	..	..	..	10	6	..	..	..	16
1899	..	..	..	..	2	1	1	4	..	1	..	9
1900	..	..	..	2	..	2	3	4	..	1	..	12
1901	..	..	..	2	2	..	3	2	..	..	..	9
1902	..	3	..	..	..	..	..	5	..	1	..	9
1903	..	..	..	1	2	..	3	2	..	..	..	8
1904	1	..	..	..	1	1	2	3	..	1	..	9
1905	..	..	..	..	3	..	1	3	..	1	..	8
1906	..	5	1	..	..	2	1	2	..	..	1	12
1907	..	1	1	..	2	1	..	3	..	..	..	8
1908	..	3	..	..	1	1	2	1	..	..	..	8
1909	..	..	..	..	..	..	..	2	..	..	..	2
1910	..	..	..	..	..	4	..	5	..	..	1	10
1911	..	..	..	..	5	1	3	2	..	..	..	11
1912	..	9	..	..	..	..	..	4	..	..	..	13
1913	..	..	..	..	..	..	..	4	3	..	..	7
1914	..	..	..	..	2	..	1	6	2	1	..	12
1915	..	..	..	..	2	..	..	3	3	..	..	8
1916	..	..	..	1	..	..	1	4	1	..	..	7
1917	..	..	..	1	..	..	1	4	1	..	..	7
1918	..	4	..	1	..	..	2	2	3	..	..	12
1919	..	..	..	..	..	..	2	6	3	..	..	11
1920	..	..	..	..	1	..	..	8	..	2	..	11
1921	..	..	..	..	..	..	1	3	3	..	..	7
1922	..	..	2	3	1	..	..	6	1	..	..	13
1923	..	..	..	..	..	..	..	6	1	..	1	8
1924	..	4	..	..	1	..	..	4	..	..	..	9
1925	..	..	..	..	..	..	1	..	1	..	..	2
1926	..	..	..	..	1	..	..	5	..	..	..	6
1927	..	..	..	..	..	..	..	..	1	..	..	1
1928	..	..	..	..	..	..	..	3	..	..	..	3
1929	..	..	..	..	..	..	1	2	1	..	..	4
1930	..	..	..	..	..	..	..	5	1	..	..	6
1931	..	..	..	..	1	..	..	3	..	..	..	4
1932	..	..	..	..	..	..	..	3	1	..	..	4
1933	..	..	..	..	..	..	..	3	..	..	..	3
1934	..	..	..	..	..	..	..	5	1	..	..	6

TABLE VIII.

CHESHIRE COUNTY COUNCIL

Tabular Statement of the Inspector of Nuisances for the Year ended
December 31st, 1934.

THE URBAN DISTRICT COUNCIL OF KNUTSFORD.

A Number and Nature of Inspections made.	Numbers	B Number of Notices served		C Result of Notices Served			
		Statutory	Informal	Complied with	Remaining in hand	Prosecutions Instituted	Pending
1. Dwelling Houses	290	34	42	76	...	...	...
2. Cellar Dwellings	None	in District		...	...	...	...
3. Back-to-Back Houses	...	...	...	...	...	...	...
4. Tents, Vans, Sheds, etc.	10	...	2	2	...	...	...
5. Courts, Yards, Passages, etc.	108	...	4	4	...	...	...
6. Privy-Middens, Pails or Earth Closets	14	...	...	...	...	...	...
7. Ashbins	149	2	40	40	2	...	...
8. House Drainage	35	1	7	8	...	...	...
9. Ditches, Watercourses, 85. Samples of Water, 5	90	...	...	...	...	...	...
10. Offensive Accumulations	4	1	...	1	...	...	...
11. The Keeping of Animals (P.H.A. 1875, Section 91 (3))	...	...	...	...	...	...	...
12. Offensive Trades	None	in District		...	...	...	...
13. a. Slaughterhouses (Public)	None	in District		...	...	...	...
" (Private)	186	1	3	4	...	...	...
b. Other Places where Food is produced or sold	194	...	...	...	...	...	...
14. Piggeries	10	...	...	...	...	...	...
15. Cesspools	...	...	...	...	...	...	...
16. a. Dairies	39	...	...	...	...	...	...
b. Cowsheds	32	...	...	...	...	...	...
c. Milk Shops	15	...	1	1	...	...	...
17. a. Factories	10	...	...	...	...	...	...
b. Workshops	52	...	...	...	...	...	...
c. Workplaces	16	...	...	...	...	...	...
d. Outworkers' Premises	None	in District		...	...	...	...
18. Bakehouses (Overground)	44	...	...	...	...	...	...
" (Underground)	2	...	...	...	...	...	...
19. Common Lodging Houses	None	in District		...	...	...	...
20. Houses Let in Lodgings	...	...	...	...	...	...	...
21. Smoke Observations	4	...	1	1	...	...	...
22. Canal Boats	None	in District		...	...	...	...
23. Infectious Diseases	15	...	...	...	...	...	...
24. Milk Samples (Biological Test)	6	...	...	...	...	...	...
25. Miscellaneous	520	...	12	12	...	...	...
Totals	1835	39	112	149	2	...	...

TABLE IX.

HOUSING STATISTICS.

New houses erected during the year	...	...	...	25
(by private enterprise)				

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR.

(1) a.	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	...	...	...	...	116
b.	Number of inspections made for the purpose	...	...	...	...	290

(2) a.	Number of dwelling houses (included under sub-head, (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925	...	...	...	...	8
b.	Number of inspections made for the purpose	...	...	...	...	23

(3)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	..	...	...	...	4
-----	--	----	-----	-----	-----	---

(4)	Number of dwelling houses (exclusive of those referred to above) found not to be in all respects reasonably fit for human habitation	...	...	...	...	...	35
-----	--	-----	-----	-----	-----	-----	----

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICE.

Number of dwelling houses rendered fit in consequence of informal action by the						
Local Authority	...	...	...	...	...	42

3. ACTION UNDER STATUTORY POWER DURING THE YEAR.

A. Proceedings under Sect. 17, 18, and 23 Housing Act, 1930.

- | | | | |
|-----|--|--------|----|
| (1) | Number of dwelling houses in respect of which notices were served requiring repairs | ... | 22 |
| (2) | Number of dwelling houses which were rendered fit after service of formal notices :— | | |
| | (a) by owners | | 22 |
| | (b) by Local Authority in default of owners | | 0 |

B. Proceedings under Public Health Acts.

- | | | | |
|-----|--|--------|----|
| (1) | Number of dwelling houses in respect of which notices were served requiring defects to be remedied | | 14 |
| (2) | Number of dwelling houses in which defects were remedied after service of formal notices ;— | | |
| | (a, by owners | | 14 |
| | (b) by Local Authority in default of owners | | 0 |

C. Proceedings under Sects. 19 and 21 of Housing Acts, 1930.

- | | | | |
|-----|---|--------|---|
| (1) | Number of dwelling houses in respect of which Demolition Orders were made | | 0 |
| (2) | Number of dwelling houses demolished in pursuance of Demolition Orders | | 0 |

D. Proceedings under Section 20 of the Housing Act, 1930.

- | | | | |
|-----|---|--------|---|
| (1) | Number of separate tenements or underground rooms in respect of which Closing Orders were made | | 0 |
| (2) | Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit | | 0 |

TABLE X.**Annual Report of the Medical Officer of Health for the Year 1934, for the Urban District of Knutsford.**

On the Administration of the Factory and Workshop Act, 1901,
in connection with

FACTORIES, WORKSHOPS AND WORKPLACES.**1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.**

Including Inspection made by Sanitary Inspectors or Inspectors of nuisances.

<i>Premises</i>	<i>Inspect'ns</i>	<i>Number of Written Notices</i>	<i>Prosecut'ns</i>
Factories	10	0	...
(Including Factory Laundries)			
Workshops	52	0	...
(Including Workshop Laundries)			
Workplaces	16	0	...
(Other than Outworkers' Premises)			
Total	78	0	...

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

<i>Particulars</i>	<i>Found</i>	<i>Number of Defects Remedied</i>	<i>Referred to H.M. Inspector</i>	<i>Number of Prosecut'ns</i>
<i>*Nuisances under the Public Health Acts :—</i>				
Want of cleanliness	...	...	...	...
Want of ventilation	...	...	...	...
Overcrowding	...	...	...	...
Want of Drainage of Floors	...	...	...	...
Other Nuisances	...	...	...	...
<i>Sanitary Accommodation—</i>				
Insufficient	...	...	...	...
Unsuitable or defective	...	...	...	...
Not separate for sexes	...	...	...	...
<i>Offences under the Factory and Workshops Acts :—</i>				
Illegal occupation of underground bakehouses (s 101)	...	...	...	...
Other Offences	...	...	...	...
(Excluding offences relating to outwork and offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories & Work- shops Transfer of Powers Order, 1921.)	—	—	—	—
Total	...	...	...	...

**Including those specified in Sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.*

OUTWORK IN UNWHOLESOME PREMISES, SECTION 108.
None in the District.

(Signed) ARTHUR T. BLEASE.

The Urban District of Knutsford.

PART III.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

The old Knutsford supply has now been discontinued, and the district is now having the Manchester Corporation water. A large ferro concrete tower has been erected, and the district now enjoys a good wholesome water supply at a good pressure. The five samples taken during the year of the old supply were of the usual standard.

DRAINAGE AND SEWERAGE.

The treatment of sewerage at the Disposal Works has been carried out quite satisfactorily. Four samples of effluent have been taken and examined, the whole which have been classified as satisfactory by the Mersey and Irwell Rivers Board Committee. On one occasion the sample proved the best of 42 taken from all over the drainage area. Several lengths of drains, etc., have been relaid during the year, and several new connections have been made to existing sewers.

CLOSET ACCOMMODATION AND SCAVENGING.

All Ashbins and the 6 Pail Closets are cleansed weekly. All Ashpits have been abolished with the exception of one at the Works of the Waterproof Paper Company, and one at the Egerton Schools.

The following is a summary of the present position :—

Water Closets.....	2064	Slop Water Closets.....	140
Pail Closets.....	6	Midden Closets.....	1
Dry Ashpits.....	2	Ashbins	1710

The following summarises the work done during the year :—

Ashbins and Closets cleansed	...	...	...	1
Pail Closets cleansed	...	...	...	364
Ashbins cleansed	...	...	...	84920
Motor Loads removed to Tip	...	...	...	1643

During the year, one tippler closet was converted into a W.C.

The six pail closets and the one midden closet now remaining are at outlying places where it is not possible to connect to the sewerage scheme.

Scavenging is carried out on modern lines, a dustless removal motor vehicle being employed. The whole of the district is covered each week, with a second collection to some of the larger premises.

The refuse is disposed of by means of controlled tipping on the Moor, and good progress is being made with the reclaiming of what once was a swamp for use as a Recreation Ground.

An Inspector of the Ministry of Health expressed himself as well satisfied with the condition of the Tip during his recent inspection of the district.

SMOKE ABATEMENT.

Little or no nuisance is experienced from smoke owing to the absence of Factories in the district. These are only five large chimney stacks in the area, and these are quite effectually controlled.

PREMISES AND OCCUPATIONS CONTROLLED BY BYE-LAWS AND REGULATIONS.

No nuisances have arisen in respect of Tents, Vans, Sheds, etc., there being only one permanent caravan in the district.

OTHER SANITARY CONDITIONS REQUIRING NOTICE.

The Council's Cemetery at Tabley Hill which has been in use for 31 years, provides sufficient burial space for several generations.

SCHOOLS.

The sanitary conditions and water supply at the Schools are above suspicion as to the cause of infectious disease. The lavatories and closets are regularly inspected by the Sanitary Inspector, and all Elementary Schools are disinfected during the summer holidays.

RAG FLOCK ACTS, 1911 and 1928.

Visits which were made to the upholsterers in the district have not revealed any unclean flock being used in the manufacture of upholstery.

INSPECTION AND SUPERVISION OF FOOD.**MILK SUPPLY, Etc.**

6 samples from retailers of milk and local farmers were submitted for biological examination, and all showed negative results.

The Dairies, Cowsheds, and Milkshops in the area have been visited at various times during the year, and notices have been served requesting the lime washing and cleansing of internal walls. No serious infringements of the regulations were noted during the year

The following is a summary of persons now on the Register :—

Wholesale Producers	...	...	...	...	3
Cowkeepers and Purveyors	...	...	...	...	8
Purveyors	...	...	...	...	20
Total	...	...	...	...	31

20 of these persons are resident within and 11 without the district.

MEAT AND OTHER FOODS.

Inspections have been made periodically of Meat, Fish, and other foods exposed for sale. Apart from approximately 30lbs of Beef surrendered for destruction, the whole of the Meat, Fish, etc., appeared to be satisfactory (except that mentioned under T. B. Order below)

Periodical inspections are also made of the Meat, etc., exposed for sale in the Market, which has generally appeared of good quality.

SLAUGHTERHOUSES.

The following is a summary of the animals slaughtered in the district during the year :—

Beef	...	...	...	265
Mutton	...	...	...	1327
Pork	...	...	...	88
Veal	...	...	...	47
Total	...	...	...	1727

The majority of the above were inspected in the Slaughterhouses, and were generally of good quality. There are 6 licensed Slaughterhouses in the district which are all well appointed and kept in good condition.

The Council have issued 11 licences to local butchers under the Slaughter of Animals Act, and decided not to apply Sec. 1 of the Act in respect of lambs, sheep, etc.

BAKEHOUSES.

There are 12 Bakehouses in use in the district. These premises have been inspected periodically during the year, and notices requesting the occupiers to lime-wash the walls have been served at stated periods, and as occasion has required. The premises have been kept clean generally, and have been limewashed in accordance with the regulations.

MATERNITY AND CHILD WELFARE.

Twenty-six sessions were held at the Centre during the year. 97 children made 730 attendances, giving an average attendance of 28 per session.

The Health Visitor has paid 54 first and 137 subsequent visits to expectant mothers, 371 visits to children under one year old, and 1484 visits to children between one and five years.

The Infantile Mortality figure is again very good as there were only three infant deaths of which two were after 10 hours and 2 days of life respectively, the third being from pneumonia at 5 weeks.

MATERNAL MORTALITY.

One maternal death occurred in the County Institution Hospital. This is the first maternal death in Knutsford since 1926, and the only maternal death in 880 live births.

ANTE-NATAL CARE.

The Council's Ante-natal care scheme has just commenced operation. This scheme provides for the ante-natal care to be carried out and reports sent to me by the medical practitioners selected by the patients at fees payable by the Council, such fees varying with whether the patient is herself an insured person or not. If any doctor ever gets a case in which he considers the opinion of a "specialist" would be helpful, this will be arranged for.

This ante-natal scheme was arranged by me and is largely modelled on the schemes originally devised by Dr. Picton, the M.O.H. for Winsford. It was adopted by the Council and approved by the Ministry. I think it is the best possible scheme and I hope every woman in Knutsford to whom it is applicable, will take full advantage of it—there are no formalities or expenses so far as patients are concerned. All a pregnant woman has to do is to call on her own doctor at his own house in his ordinary consulting hours. No application to the Medical Officer of Health or the Council, is necessary to obtain this valuable free service.

INFECTIOUS DISEASES.

Scarlet fever cases were one less and diphtheria cases four more than in 1933. No deaths occurred from any infectious disease. All scarlet fever and diphtheria cases were removed to hospital.

The Council have for many years provided the ordinary laboratory facilities in connection with infectious diseases, chiefly of course diphtheria, and they also pay the doctors for taking and forwarding the specimens to the laboratory in addition to free provision of anti-diphtheria serum. These measures have been very efficacious. There has been no death from diphtheria since 1922. The Council have now made improved arrangements in that the laboratory authorities have been instructed that in future all swabs from suspected diphtheria cases are to be examined, first by the more rapid microscopical method, and then further by the former cultural method, if the microscopical method fails to reveal the bacilli. In the cases where the bacilli are found by the microscopical method, the doctor will get a telephone message to that effect in a few hours instead of in a day a half as often happens with the former (cultural) method. This will often make possible an earlier removal of the case to hospital, and so shorten the time the patient is in Knutsford, with of course a diminution of the risks of spread of the disease to others.

PNEUMONIA.

As regards acute lobar pneumonia and broncho-pneumonia the Council have arranged that doctors may send (at the Council's expense) sputum from these cases to Doctor Jenkins, the Pathologist of the Salford Royal Hospital, to be examined as to the type of pneumococcus which is the cause in that particular patient. In cases where the cause is found to be the Type 1, pneumococcus, the doctor can obtain free serum for treatment at the Council Offices.

TUBERCULOSIS.

(For figures see Tables.)

The Tuberculosis Register on December 31st, 1934, showed 57 cases as follows:—

Pulmonary cases, males 21, females 10.

Non-pulmonary cases, males 15, females 11.

Notification continues satisfactory.

TUBERCULOSIS ORDER, 1925.

During the year the following animals have been slaughtered under this order:—

23 Milch Cows from the Bucklow Rural District
5 Milch Cows from the Knutsford Urban Area

—
28
—

22 carcasses were found to be infected with tuberculosis, and were destroyed under Police supervision.

No person suffering from tuberculosis was found engaged in food production or distribution.

HOSPITAL ACCOMMODATION (Infectious).

This is adequate and unchanged.

LABORATORY WORK.

Twenty-four specimens from suspected cases of pulmonary tuberculosis were examined at the County Laboratory, of which four were positive and twenty negative.

The arrangements with the Manchester Public Health Laboratory continue with the alteration referred to under heading of "Infectious Diseases." Additional facilities have also been arranged with the Pathologist of the Salford Royal Hospital, these are detailed under the heading of "Pneumonia."

LOCAL ACTS—None.**GENERAL ADOPTIVE ACTS.**

The Acts adopted are the Infectious Diseases Prevention Acts, Parts II and III; P.H.A. Amendment Act, 1890; and P.H.A. 1875, Section 112. as amended by section 51 of P.H.A. Amendment Act, 1907, P.H.A. Amendment Act, 1890. Parts II and III Public Health (Water) Act, 1878.

NURSING IN THE HOME.

This is most efficiently carried on by the two District Nurses, who are employed by a Voluntary Committee.

MIDWIVES.

The only Midwives are the two District Nurses—both C.M.B.

GENERAL HOSPITAL ACCOMMODATION.

In addition to the Infirmary at the Institution of the Public Assistance Committee, the needs of the district are very adequately supplied by the Knutsford Cottage Hospital, the Altrincham General Hospital, and large General and Special Hospitals of Manchester.

AMBULANCE FACILITIES

Available, but not provided by the Council.

SANITARY STAFF.

This is unchanged. I wish to express my appreciation of and thanks for the work of Mr. Butler the Sanitary Inspector and Surveyor, who has assisted in the compilation of this Report.

I should also like to place on record my appreciation of the work done by Miss J. Ashworth voluntarily, in attending and providing teas for mothers at the Child Welfare Centre.

ARTHUR T. BLEASE,

M.B., Ch.B., M.R.C.S.Eng., L.R.C.P.London.

IN MEMORIAM.

As this goes to press I learn with regret of the death of Dr. T. W. H. Garstang whom I succeeded in 1917, as Medical Officer of Health for Knutsford Urban and Bucklow Rural Districts and as Medical Adviser of the Bucklow Joint Hospital Board

On his resignation both the Knutsford and Bucklow Councils showed their appreciation of his services by nominating him Honorary Consulting Medical Officer.

After leaving Cheshire, Dr. Garstang devoted his energies to Medical organisation with such success that he was elected Chairman of the Representative Meeting of the British Medical Association for three consecutive years. His work in this capacity was of such outstanding merit that the Council of the Association conferred a permanent Vice-presidency upon him—an honour which has only been awarded to very few.

I also regret to record the death of Mr. R. Wilson Marshall, who was Sanitary Inspector and Surveyor to this Council for nearly twenty years, prior to his retirement in 1929.

PA 16/1